

Obtain a Specialist Diploma in less than 3 months!

# Specialist Diploma in **FACILITY AND ENERGY MANAGEMENT (SDFEM)**



Eligible for  
SkillsFuture  
Credit

Environment sustainability is increasingly gaining ground in the building and construction industry, buoyed by global concerns on climate change and limited natural resources. With the rising trend towards green technologies and renewable energy, there is a need for professionals who are proficient in energy management to operate buildings for optimal building performance.

The Specialist Diploma in Facility and Energy Management (SDFEM) equips students with the essential knowledge to plan and manage building operations and maintenance efficiently.

The programme incorporates Energy Management topics to give students the added competitive edge. Upon graduation, you can look forward to career opportunities as facilities managers or building managers.

**Duration:** 2 weeks study duration per modular certificate (66 hrs) (Assessment: 3 hrs)

**Frequency:** 2 weeks lectures daily from Mon-Fri, 9am to 6pm and 2 weeks for project submission

**Venue:** BCA Braddell Campus and Online Learning

**Fee** (incl of GST) : S\$6,500

**Assessment:** Continuous and Project Based

*Registration closes 2 weeks prior to course commencement, or when the class is fully subscribed, whichever is earlier. Late registration may be consider on case by case basis.*

## Certificate in Digital Delivery of Facilities Management

(Classroom + Synchronous E-Learning)

### MODULAR CERTIFICATE A:

#### Introduction to Facilities Management

- Principles of Facilities Management
- Space and Asset Management
- Building Legislation
- Risk Management

#### BIM for Facilities Management

- BIM Fundamentals for Facilities Management
- AIR for Facilities Management
- BIM-Centric CMMS

#### Integrated Digital Delivery for Facilities Management

- Data Analytics in Facilities Management
- Introduction to Internet of Things

## Certificate in Mechanical System and Building Management

(Classroom + Synchronous E-Learning)

### MODULAR CERTIFICATE B:

#### Building Management

- Structural Appraisal
- Landscape and Horticulture
- Cleaning and Pest Control
- Security Management
- Project Management
- Building Repair and Refurbishment

#### Building Mechanical Services

- Plumbing, Sanitary and Gas Systems
- Fire Protection Systems
- ACMV Systems

## Certificate in Electrical System and Energy Management

(Classroom + Synchronous E-Learning)

### MODULAR CERTIFICATE C:

#### Building Electrical Services

- Solar Technologies
- Power Generation and Distribution
- Efficient Lighting
- Lifts and Escalator Systems

#### Energy Management

- Energy Audit and Measurement
- Energy Management and Economics

## ENTRY REQUIREMENT

Applicants who do not wish to complete the Specialist Diploma programme are not subject to the entry requirements.

The applicant must be a Singapore Citizen or Permanent Resident or holder of valid employment pass/work permit; and possess one of the following qualifications in a relevant discipline:

- a) A diploma (min course duration of 2 years) or equivalent qualification
- b) A relevant Advanced Certificate / Higher NITEC / Advanced NBQ with 2 to 3 years of relevant work experience
- c) A relevant certificate with 4 to 5 years of relevant work experience
- d) NITEC / Higher NBQ with at least 5 years of relevant work experience

**Note:** Applicants with relevant working experience but do not fulfil the above requirements will be reviewed on a case-by-case basis.

Applicants must have their own computers/laptops with minimum specifications to run BIM software and access student portal.

Applicant with degree or diploma qualification where English is not the medium of instruction is required to achieve the ESS Workplace Literacy Test Level 6 issued by SkillsFuture Singapore (SSG).

## WHO SHOULD ATTEND

This Specialist Diploma Programme is designed for those working in a relevant industry who seek upgrading of skills, as well as professionals seeking a mid-career switch to the facilities management sector.

## AWARD OF CERTIFICATE

A participant must attain at least 75% of physical attendance and complete all assignments to acceptable standards to be eligible to be awarded each modular certificate. Participant who did not complete the assignments to acceptable standards but attained at least 75% of physical attendance will be issued with a certificate of attendance. The successful achievement of all modular certificates will lead to the awarding of the **Specialist Diploma in Facility and Energy Management (SDFEM)**.

## WITHDRAWAL

Withdrawal notice must be made in writing to BCA Academy via <https://www.bca.gov.sg/feedbackform/>. The following stated days are pegged to the modular certificate commencement date:

- 14 days or more, 10% cancellation fee
- Less than 14 days but more than 3 working days, 25% cancellation fee
- 3 working days or less, 100% cancellation fee

## REGISTRATION

Visit BCA Academy Online

StoreFront (OSF) @

<https://eservices.bcaa.edu.sg/registration/#/login>

### Course codes :

Modular Certificate A: 74A19FT

Modular Certificate B: 74B19FT

Modular Certificate C: 74C19FT

